

RD-28584-1

IN THE SPECIFICATION

Please amend paragraphs [0027], [0030], and [0033] as follows:

[0027] The ~~functional~~functionalized carbon nanotubes of structure (II) may also be functionalized to produce compositions having the formula (IV).

[0030] Without being bound to a particular theory, the functionalized carbon nanotubes are better dispersed into polymeric resins because the modified surface properties may render the carbon ~~nanotube more~~nanotube more compatible with the polymeric resin, or, because the modified functional groups (particularly hydroxyl or amine groups) are bonded directly to the polymeric resin as terminal groups. In this way, polymeric resins such as polycarbonates, polyamides, polyesters, polyetherimides, or the like, bond directly to the carbon nanotubes making the carbon nanotubes easier to disperse with improved adherence.

[0033] ~~carbon~~Carbon nanotubes are generally used in amounts of about 0.0001 to about 50 wt% of the total weight of the composition when desirable. Within this range, carbon nanotubes are generally used in amounts greater than or equal to about 0.25 wt%, preferably greater than or equal to about 0.5 wt%, more preferably greater than or equal to about 1 wt% of the total weight of the composition. carbon nanotubes are furthermore generally used in amounts less than or equal to about 30 wt%, preferably less than or equal to about 10 wt%, more preferably less than or equal to about 5 wt% of the total weight of the composition.